

L-828/L-829 Ferroresonant Constant Current Regulator SRA Switchgear Regulator Assembly



Compliance

- ETL Certified L-828/L-829: FAA AC 150/5345-10 (Current Edition)
- Monitoring according to FAA AC 150/5345-10 (Current Edition)

Applications

The switchgear regulator cell fits into a switchgear line up. Switchgear regulators allow a smaller installation footprint, minimize downtime and ease connection to other vital airport systems such as ALCMS.

Supplies three or five precision output currents to power airfield series lighting circuits.

Features

- L-828 or L-829 switchgear cells available
- Class 1 or Class 2* availability for 6.6A or 20A circuits
- Air cooled
- Maximum efficiency power factor
- Dedicated raceways for control and power
- Easy installation and operation
- Built in IRMS availability
- Internal S-1 cutout availability
- 3 or 4 bus availability, up to 65kAIC
- Digital True-RMS readings of output current, output voltage, kW, kVA
- Temperature alarm
- 120VAC or 24VDC control
- Circuit breaker interlocks with door for added safety
- Available kW ratings include - 1kW, 2kW, 4kW, 5kW, 7.5kW, 10kW, 15kW, 20kW, 25kW & 30kW
- 24" (61cm) wide cells for 1kW - 10kW regulators
- 36" (91cm) wide cells for 15kW - 30kW regulators

Specifications

- Input Voltage: 208VAC*, 220VAC*, 240VAC, 480VAC 60Hz (50Hz and additional voltage available upon request)
- Output: 6.6A or 20A*
- Redundant communications available
- Circuit breaker interlock and door switch interlock
- Cabinet size:
 - kW output 1kW-10kW: 24" x 40" x 26.25" (61 x 102 x 67cm)
 - kW output 15kW-30kW: 36" x 40" x 31.25" (91 x 102 x 79cm)

* Compliant to FAA specification.

Ordering Codes

Type	kW Output	Class	Input Voltage	Control Voltage	Brightness Step Count	Options
FR	828: L828 (Without Monitoring)	A: 6.6 Amp Output B: 20 Amp Output	1: 208VAC, 60Hz 2: 220VAC, 60Hz 3: 240VAC, 60Hz 4: 480VAC, 60Hz	A: 24VDC Internal Supply B: 24VDC External Supply C: 48VDC Internal Supply D: 48VDC External Supply E: 120VAC Internal Supply F: 120VAC External Supply	1: Single Step 3: 3 Step: B10-B100 (4.8A, 5.5A, 6.6A) 5: 5 Step: B1-B5 (2.8A, 3.4A, 4.1A, 5.2A, 6.6A)	1: Internal S-1 Cutout Installed 2: Insulation Resistance Monitoring System (IRMS) / Megger 3: Input Power Monitoring (Input Current, kW In, kVA In, CCR Power Factor) 4: Output Power Monitoring (Digital Current Monitor, kW Out, kVA Out) 5: Integrated Circuit Breaker 6: Single Ethernet / IP Interface 7: Dual Ethernet / IP Interface 8: Single ModTCP Ethernet Interface 9: Dual ModTCP Ethernet Interface 10: Single RS485 & Single Ethernet / IP Interface 11: Dual RS485 Interface 12: Casters
	829: L829 (With Monitoring)					

